

Title (en)

ROTOR HUB ARRANGEMENT, ELECTRIC FAN

Title (de)

ROTORNABENANORDNUNG, ELEKTRISCHER LÜFTER

Title (fr)

DISPOSITIF FORMANT MOYEU DE ROTOR, VENTILATEUR ÉLECTRIQUE

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Application

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Abstract (en)

[origin: WO2015018882A2] The invention relates to a rotor hub assembly for an electric fan, in particular for a radiator fan of a motor vehicle, comprising a hub cup, which rotates during operation and which has air outlet guides on the inside of the hub cup, which air outlet guides are arranged and shaped in such a way that the air outlet guides guide and accelerate cooling air, wherein a magnetic return cup is arranged inside the hub cup, which return cup has air passage openings, which, together with the air outlet guides, form continuous air outlets for a cooling air flow from the pressure side to the vacuum side of the fan. The invention further relates to an electric fan having such a rotor assembly.

IPC 8 full level

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